AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) An image forming apparatus comprising:

a plurality of image carriers;

a plurality of transfer units, each of which is provided corresponding to each of said plurality of image carriers, each of said plurality of transfer units being contacted under pressure with each of said plurality of image carriers through an intermediate transfer body or recording material by the application of pressure when each of said plurality of transfer units is operating and not contacting each of said plurality of image carriers when each of said plurality of transfer units is not operating;

a plurality of driving units for driving said plurality of image carriers to rotate at a rotary speed; and

a control unit for controlling said plurality of driving units to drive said plurality of image carriers under a feed-forward control and a feed-back control,

the control unit controlling said plurality of driving units according to correction information, wherein the correction information used for the feed-forward control is different depending upon a kind of image,

wherein said control unit makes said plurality of transfer units to be selectively operated according to the kind of image and said control unit changes a speed control method for said plurality of driving units according to the kind of image,

wherein the kind of image includes a full-color image, a mono-chrome image, or a uni-color image.

2. (Previously presented) The image forming apparatus according to claim 1, further comprising:

an intermediate transfer body,

wherein said plurality of transfer units are fixed to said plurality of image carriers through said intermediate transfer body by the application of pressure.

3. (Currently amended) The image forming apparatus according to claim 1, wherein said control unit controls said plurality of driving units to drive said plurality of image carriers according to correction information basesd on a mechanical resonance frequency of the driving systems of said plurality of image carriers corresponding to the kind of image.

4. (Currently amended) The image forming apparatus according to claim 3, wherein the correction information is correction information for feed-forward control, and said control unit controls said plurality of driving units to perform feed-forward control of said plurality of image carriers based on the correction information.

5. (Currently amended) The image forming apparatus according to claim 1, further comprising:

storage means for storing plural pieces of correction information in association with kinds of images,

wherein said control unit reads the correction information from said storage unit according to the kind of image, and controls said plurality of driving units to drive said plurality of image carriers based on the correction information.

6. (Previously presented) An image forming apparatus comprising:

a plurality of image carriers;

an intermediate transfer body;

a plurality of transfer units for transferring toner images formed on said plurality of image carriers onto said intermediate transfer body, each of said plurality of transfer units being provided corresponding to each of said plurality of image carriers and contacting under pressure with each of said plurality of image carriers through said intermediate transfer body by the application of pressure when each of said plurality of transfer units is operating and not contacting each of said plurality of image carriers when each of said plurality of transfer units is not operating;

a driving unit for driving said intermediate transfer body; and

a control unit for controlling said driving unit,

wherein said control unit makes said plurality of transfer units to be selectively operated according to the kind of image and said control unit changes a speed control method for said driving unit according to the kind of image.

7. (Previously presented) The image forming apparatus according to claim 6, further comprising:

an intermediate transfer body

wherein said plurality of transfer unit are fixed to said plurality of image carriers through said intermediate transfer body by the application of pressure.

8. (Previously presented) The image forming apparatus according to claim 6, wherein said control unit controls said driving unit to drive said image carriers according to correction information based on a mechanical resonance frequency of the driving systems of said image carriers corresponding to the kind of image.

9. (Previously presented) The image forming apparatus according to claim 8, wherein the correction information is correction information for feed-forward control, and said control unit controls said driving unit to perform feed-forward control of said image carriers based on the correction information.

10. (Previously presented) The image forming apparatus according to claim 6, further comprising:

storage unit for storing plural pieces of correction information in association with kinds of images,

wherein said control unit reads the correction information from said storage means according to the kind of image, and controls said driving unit to drive said image carriers based on the correction information.

11. (Currently amended) A method for operating a color image forming apparatus comprising the steps of:

selectively actuating a transfer unit according to ~~the~~ a kind of image;

reading correction information related to control of the rotational speed of

each image carrier from a storage unit according to the kind of image;

controlling the rotational speed of ~~the~~ each image carrier under a feed-forward control and a feed-back control based on the read correction information, wherein the correction information used for the feed-forward control is different depending upon the kind of image; and

transferring a toner image of a specific color on the image carrier onto an intermediate transfer body at a controlled rotational speed.

12. (Original) The control method for a color image forming apparatus according to claim 11, wherein the correction information related to control of the rotational speed is correction information for feed-forward control of each image carrier performed by the driving mechanism, the correction information including a frequency component based on a mechanical resonance frequency of the driving system of the image carrier.

13. (Previously presented) The image forming apparatus according to claim 1, comprising an input unit to set the kind of image.

14. (Previously presented) The image forming apparatus according to claim 5, comprising a input unit to set the kind of image.

15. (Previously presented) The image forming apparatus according to claim 1, wherein said control unit controls said driving unit to drive said image carriers by using correction information based on the kind of image.

16. (Previously presented) The image forming apparatus according to claim 5, wherein said control unit controls said driving unit to drive said image carriers by using correction information based on the kind of image.

17. (Previously presented) The image forming apparatus according to claim 15, wherein a feed-forward control is carried out by said control unit with the correction information based on the kind of image.

18. (Previously presented) The image forming apparatus according to claim 16, wherein a feed-forward control is carried out by said control unit with the correction information based on the kind of image.

19. (New) The image forming apparatus according to claim 1, wherein the rotary speed of the plurality of image carriers is the same for any kind of image.

20. (New) A method for operating a color image forming apparatus comprising the steps of:

selectively actuating a transfer unit according to a kind of image;

reading correction information related to control of the rotational speed of each image carrier from a storage unit according to the kind of image;

controlling the rotational speed of each image carrier based on the read correction information under a feed-forward control and a feed-back control, wherein feed-forward control is carried out for a full-color image and feed-back control is carried out for a mono-chrome image or a uni-color image.

21. (New) The control method for a color image forming apparatus according to claim 20, wherein the rotary speed of each image carrier is the same for any kind of image.